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COMMITTEE ON THE PEACEFUL
USES OF OUTER SPACE

INFORMATION FURNISHED IN CONFORMITY WITH THE CONVENTION ON REGISTRATION OF OBJECTS LAUNCHED INTO OUTER SPACE

Note verbale dated 20 December 1993 from the Permanent Representative of the United States of America to the United Nations addressed to the Secretary-General

The Permanent Representative of the United States of America to the United Nations presents her compliments to the Secretary-General of the United Nations and, in accordance with article IV of the Convention on Registration of Objects Launched into Outer Space,* has the honour to transmit the registration data for the United States space launches for the period June-August 1993 (see the annex to the present document).

*General Assembly resolution 3235 (XXIX), annex, of 12 November 1974.

V.94-20399T

Annex

REGISTRATION DATA FOR UNITED STATES SPACE LAUNCHES*

The following report Supplements the registration data for the United States Launches as of June 30, 1993. All launches were made from the territory of the United States unless otherwise specified.

International Designation	Date of Launch	Nodal Period	Inclination deg	Apogee km	Perigee km	General Function of Space Objects
The following objects were launched since the last report and remain in orbit:						
1993-037A	21 Jun 93	93.3	28.4	484	390	Reusable space transportation
1993-039A	25 Jun 93	478.4	7.0	27550	212	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1993-041A	25 Jun 93	101.3	89.5	884	764	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1993-041B	25 Jun 93	101.3	89.5	892	769	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1993-042A	26 Jun 93	356.8	34.8	20387	188	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1993-042B	26 Jun 93	95.4	25.7	875	198	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1993-042C	26 Jun 93	356.2	34.8	20352	187	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects

*The registration data are reproduced in the form in which they were received.

The following objects not previously reported have been identified since the last report:

NONE

The following objects not previously reported have been identified since the last report but are no longer in orbit as of 2400Z on June 30, 1993:

NONE

The following objects achieved orbit since the last report, but are no longer in orbit as of 2400Z on June 30, 1993:

NONE

The following objects identified in a previous report are no longer in orbit as of 2400Z June 30, 1993

1963-014U
1969-082FV

The following objects were launched since the previous report but did not achieve orbit:

NONE

Revisions that should be made to previously reported data:

NONE

The following report Supplements the registration data for the United States Launches as of July 31, 1993. All launches were made from the territory of the United States unless otherwise specified.

International Designation	Date of Launch	Nodal Period	Inclination deg	Apogee km	Perigee km	General Function of Space Objects
The following objects were launched since the last report and remain in orbit:						
1993-046A	19 Jul 93	625.8	26.1	35764	183	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1993-046B	19 Jul 93	625.8	29.3	35764	183	Spent boosters, spent maneuvering stages, shrouds other non-functional objects
The following objects not previously reported have been identified since the last report:						
1993-041C	25 Jun 93	100.8	89.2	829	784	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1993-041D	25 Jun 93	101.9	89.8	969	730	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1981-059D	23 Jul 93	101.5	98.8	862	832	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1981-059E	23 Jul 93	101.8	98.8	877	834	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1989-061H	08 Aug 89	183.5	57.1	8095	540	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects

The following objects not previously reported have been identified since the last report but are no longer in orbit as of 2400Z 31 Jul 1993:

NONE

The following objects achieved orbit since the last report but are no longer in orbit as of 2400Z 31 Jul 1993:

NONE

The following objects identified in a previous report are no longer in orbit as of 2400Z 31 Jul 1993:

1978-026 DM
1992-078A
1993-037A

The following objects were launched since the previous report but did not achieve orbit:

NONE

Revisions that should be made to previously reported data:

1989-089E	18 Nov 89	102.4	99.0	90	84	Spent boosters, spent maneuvering stages, shrouds, and other non-functional objects
1989-089F	18 Nov 89	102.0	99.0	869	847	Spent boosters, spent maneuvering stages, shrouds, and other non-functional objects

The following report Supplements the registration data for the United States Launches as of August 31, 1993. All launches were made from the territory of the United States unless otherwise specified.

International Designation	Date of Launch	Nodal Period	Inclination deg	Apogee km	Perigee km	General Function of Space Objects
The following objects were launched since the last report and remain in orbit:						
1993-050A	09 Aug 93	102.0	98.8	871	843	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1993-050B	09 Aug 93	102.0	98.9	858	853	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1993-054A	30 Aug 93	355.8	34.8	20320	194	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
The following objects not previously reported have been identified since the last report:						
1993-046C	19 Jul 93	625.8	26.1	35764	183	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects

1989-089G	18 Nov 89	102.9	98.8	964	830	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1989-089H						
1989-089J						
1989-089K						
1989-089L						
1989-089M						
1989-089N						
1989-089P						
1989-089Q						
1989-089R						
1989-089S						
1989-089T						
1989-089U						
1989-089V						
1989-089W						
1989-089X						
1989-089Y						
1989-089Z						
1989-089AA						
1989-089AB						
1989-089AC						
1989-089AD						
1989-089AE						
1989-089AF						
1989-089AG						
1989-089AH						
1989-089AJ						
1989-089AK						
1989-089AL						
1989-089AM	18 Nov 89	99.0	102.3	897	836	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects

The following objects not previously reported have been identified since the last report but are no longer in orbit as of 2400Z August 31, 1993

NONE

The following objects achieved orbit since the last report but are no longer in orbit as of 2400Z August 31, 1993:

NONE

The following objects identified in a previous report are no longer in orbit as of 2400Z on August 31, 1993:

1969-082GA
1993-042B
1963-014DZ

The following objects were launched since the previous report but did not achieve orbit:

The U.S. experienced one failure of an attempted space launch in August 1993. A Titan IV was destroyed at VAFB on August 2, 1993 prior to placing any object in orbit

Revisions that should be made to previously reported data:

NONE

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COMMITTEE ON THE PEACEFUL
USES OF OUTER SPACE

INFORMATION FURNISHED IN CONFORMITY WITH THE CONVENTION ON REGISTRATION OF OBJECTS LAUNCHED INTO OUTER SPACE

Note verbale dated 4 May 1994 from the Permanent Representative of Japan to the United Nations addressed to the Secretary-General

The Permanent Representative of Japan to the United Nations (Vienna) presents his compliments to the Secretary-General of the United Nations and, in accordance with article IV of the Convention on Registration of Objects Launched into Outer Space,* has the honour to transmit information concerning the Vehicle Evaluation Payload MYOJO and the Orbital Reentry Experiment Vehicle RYUSEI, which were registered on 25 March 1994, in accordance with paragraph 1 of article II of the above-mentioned Convention (see annex).

The Government of Japan has the honour to notify the Secretary-General of the United Nations, in accordance with paragraph 3 of article IV of the same Convention, that the following vehicles have been but no longer are in earth orbit (see annex):

1. MUSES-A "HITEN" as of 11 April 1993
2. RYUSEI as of 4 February 1994

*General Assembly resolution 3235 (XXIX), annex, of 12 November 1974.

V.94-24135T

Annex

REGISTRATION DATA FOR JAPANESE SPACE LAUNCHES*

1.	Name of Satellite:	**Vehicle Evaluation Payload (VEP) MYOJO**
2.	Designation:	1994-007B
3.	Name of State:	JAPAN
4.	Date of Launch:	February 3, 1994 22H 20M 00S (UT)
5.	Location of Launch:	Tanegashima Space Center (Japan)
6.	Basic Orbit Parameters:	
	(1) Nodal Period:	645 (min)
	(2) Inclination:	28.6 (deg)
	(3) Apogee:	36261 (km)
	(4) Perigee:	449 (km)
7.	General Function:	Provides a ranging function as well as functions to measure the acceleration and deformation, in order to confirm the accuracy of the H-II rocket orbit injection and understand the environment of the payload equipment.
8.	Launch Vehicle:	H-II Rocket Test Flight 1F (H-II, 1F)
9.	Launching Organization:	National Space Development Agency of Japan (NASDA)
10.	Expected Decay Dates:	

*The registration data are reproduced in the form in which they were received.

1.	Name of Satellite:	**Orbital Re-entry Experiment Vehicle (OREX) RYUSEI**
2.	Designation:	1994-007A
3.	Name of State:	JAPAN
4.	Date of Launch:	February 3, 1994 22H 20M 00S (UT)
5.	Location of Launch:	Tanegashima Space Center (Japan)
6.	Basic Orbit Parameters:	
	(1) Nodal Period:	93.5 (min)
	(2) Inclination:	30.5 (deg)
	(3) Apogee:	451.4 (km)
	(4) Perigee:	450 (km)
7.	General Function:	Acquisition of data related to atmospheric re-entry
8.	Launch Vehicle:	H-II Rocket Test Flight 1F (H-II, 1F)
9.	Launching Organization:	National Space Development Agency of Japan (NASDA)
10.	Decay Dates:	February 4, 1994 (UT)

1. Name of Satellite: **MUSES-A "HITEN"**

2. Designation: 1990-007A

3. Name of State: JAPAN

4. Date of Launch: January 24, 1990 11H 46M (UT)

5. Location of Launch: Kagoshima Space Center
Kagoshima, Japan

6. Basic Orbit Parameters:

Coordinate	M50-EM	M50-EC
(1) Nodal Period	6.665 days	4.53 days
(2) Inclination	30.63 degrees	38.90 degrees
(3) Apogee	286182.72 km	(Apolune) 49013.93 km
(4) Perigee	262.49 km	(Perilune) 2289.67 km
Epoch	Jan. 25, 1990	Feb. 17, 1992

7. General Function: Development of swingby technique for future missions

8. Launch Vehicle: M - 3 S II - 5

9. Launching Organization: The Institute of Space and Astronautical Science (ISAS)

10. Decay Date: April 11, 1993

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Note verbale dated 17 May 1994 from the Permanent Representative of India to the United Nations addressed to the Secretary-General

The Permanent Representative of India to the United Nations (Vienna) presents his compliments to the Secretary-General of the United Nations and, in accordance with the Convention on Registration of Objects Launched into Outer Space,* has the honour to transmit information concerning the SROSS-C2 satellite, launched from Sriharikota, India, by its launch vehicle ASLV-D4 (see annex).

*General Assembly resolution 3235 (XXIX), annex, of 12 November 1974.

Annex

REGISTRATION DATA FOR INDIAN SPACE LAUNCHES*

(a) Name of the launching State or States : India

(b) An appropriate designator of the space object or its registration number : SROSS-C2

(c) Date and territory or location of launch :

Launch Vehicle : ASLV-D4 (Augmented Satellite Launch Vehicle)

Launch Date : 4 May 1994

Launch Site : Sriharikota, India

(d) Basic orbital parameters :

Orbital Characteristics : Low Earth Orbit

Angle of Inclination : 46.2 deg
Period : 98 min
Apogee : 938 km
Perigee : 437 km

(e) General function of the space object :

Purpose : SROSS-C2 satellite carries two scientific payloads:

(i) Retarding Potential Analyser (RPA), consisting of two planar detectors to measure plasma parameters and investigate energetics of the equatorial ionosphere;

(ii) Gamma Ray Burst (GRB) detectors, consisting of two scintillation detectors to study celestial gamma-ray bursts in the energy range of 20 keV to 3000 keV.

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